General Chemistry
Mr. MacGillivray
Practice Quiz #4:
Dimensional Analysis II

- Perform each of the following conversions using dimensional analysis.
- You must show work.
- The method used must be dimensional analysis as shown in class and in the text.
- Round answers to the correct number of significant figures.

138 km   to   cm

138 cm   to   km

3.89×10^4 cL   to mL

25.7 g/mL   to   25.7   kg/mL

25.7 g/mL   to   g/L

5.63×10^{-3} mg/s   to   kg/hr